

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	55	(shinkai adj koichi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 15:49
S2	55	(shinkai adj koichi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 15:51
S3	809267	mitsubishi.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 15:51
S4	98365	(mitsubishi adj denki).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 15:52
S5	13	((mitsubishi adj denki) adj kabushii).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 15:55

## EAST Search History

S6	12	((mitsubishi adj denki) adj kabushi) adj kaisha).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 15:54
S7	1	S2 and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:22
S8	7	"240387".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 15:56
S9	1	"240387".ap. and lang.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:22
S10	547	"370"/282.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:23

## EAST Search History

S11	529	370/214.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:23
S12	728	370/236.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 13:23
S13	949	370/276.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:23
S14	476	370/278.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:24
S15	243	370/296.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:24

## EAST Search History

S16	633	370/395.21.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:24
S17	274	370/395.3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:24
S18	2	S10 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:25
S19	15	S10 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:27
S20	71109	S19 or "375"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:26

## EAST Search History

S21	52	S10 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:34
S22	54	S10 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:34
S23	8	S10 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:39
S24	2	S10 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:37
S25	1	S10 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 16:37

## EAST Search History

S26	13	((first and second) adj (device or apparatus or transceiver)) near (signal adj lines)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/13 16:42
S27	13	((first and second) adj (device or apparatus or transceiver)) near (signal adj line\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/13 16:43
S29	1	S27 and "375"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/13 16:44
S30	13	((first and second) adj (device or apparatus or transceiver)) near (signal adj lines)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 08:29
S31	3	S30 and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 09:55

## EAST Search History

S32	2721	((half adj duplex)) and "370"/\$.cdls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:03
S33	911	((half adj duplex)) and "375"/\$.cdls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 09:56
S34	831	((half adj duplex)) and "379"/\$.cdls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 09:56
S35	543	((half adj duplex)) and "710"/\$.cdls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 09:56
S36	101	S32 and "710"/\$.cdls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:05

## EAST Search History

S#	ID	Search Query	Keywords	Location	On	Date
S37	21	S33 and "710"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 09:57
S38	4	S34 and "710"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 09:58
S40	495	((half adj duplex) near communicat\$4) and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:30
S41	661	((half adj duplex) near2 communicat\$4) and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 13:03
S43	221	((half adj duplex) near2 communicat\$4) and "375"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:05

## EAST Search History

S44	198	((half adj duplex) near2 communicat\$4) and "379"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:05
S45	106	((half adj duplex) near2 communicat\$4) and "710"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:05
S46	16	S40 and "710"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:07
S47	19	S41 and "710"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:07
S48	2	S43 and "710"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:06

## EAST Search History

SID	Line No.	Search Query	Indexer	Processor	Storage	Time	Date
S50	14	("4556958"   "4907225"   "5361376"   "5398326"   "5627858"   "5862354"   "5923705"   "6065679"   "6072827"   "6112275"   "6201817"   "6378011"   "6738855"   "6959014").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 10:19	
S53	4	US-6201817-\$ DID. OR US-6065679-\$ DID. OR US-5923705-\$ DID. OR US-5862354-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 10:28	
S54	423	S40 and (@had<"20030509" or @ad<"20030509")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:31	
S55	96	S40 and (@rlad<"20030509" and @ad<"20030509")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:31	
S56	1	("2003/0002519").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 10:39	
S57	15	((half adj duplex) near2 communicat\$4) with buffer and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 10:55	
S63	1	"851460".ap. and "710"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 11:05	

## EAST Search History

S65	4	(("4556958") or ("4907225") or ("5361376") or ("5398326")).PN.	USPAT; USOCR	OR	OFF	2007/03/14 12:42
S66	7	(("5627858") or ("5862354") or ("5923705") or ("6065679") or ("6072827") or ("6112275") or ("6201817")).PN.	USPAT; USOCR	OR	OFF	2007/03/14 11:10
S67	3	(("6378011") or ("6738855") or ("6959014")).PN.	USPAT; USOCR	OR	OFF	2007/03/14 11:10
S68	1	("2003/0002519").URPN.	USPAT	OR	OFF	2007/03/14 11:11
S69	7	(("5627858") or ("5862354") or ("5923705") or ("6065679") or ("6072827") or ("6112275") or ("6201817")).PN.	USPAT; USOCR	OR	OFF	2007/03/14 13:07
S72	3	((("6378011") or ("6738855") or ("6959014")).PN.	USPAT; USOCR	OR	OFF	2007/03/14 12:57
S76	4	((("4556958") or ("4907225") or ("5361376") or ("5398326")).PN.	USPAT; USOCR	OR	OFF	2007/03/14 13:02
S78	2	S76 and duplex	USPAT; USOCR	AND	ON	2007/03/14 13:02
S79	1	((half adj duplex) near2 communicat\$4) and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 13:26
S80	1	((half adj duplex) near2 communicat\$4) and S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 13:04

## EAST Search History

S85	1	"500609".ap. and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 13:24
S86	1327	375/257.cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 13:24
S87	1	S85 and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 13:25
S88	107964	S85 or "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 13:24
S89	107964	S85 or "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 13:25

## EAST Search History

S92	37	S89 and 379/398.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 13:33
S94	4	(duplex near communicat\$4) and S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 13:34
S95	208	S89 and 710/52.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 13:34
S96	4	(duplex near communicat\$4) and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 13:35
S97	2	"6005849".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 13:36

## EAST Search History

S#	ID	Query	US-PGPUB;	NEAR	ON	2007/03/14 13:54
S98	13	((first and second) adj receiv\$4) with ((detect\$3 or comparat\$3) and (buffer or memory)) and (signal adj line\$1)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	US-20040090948-\$ DID. OR US-20040148262-\$ DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 12:58
L2	19	((half adj duplex) or simplex) with communica\$5) same (carrier adj (detect\$4 or compara\$6))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/15 12:58
L4	21	l1 or l2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 12:59
S1	49	US-4602252-\$ DID. OR US-5253252-\$ DID. OR US-5402421-\$ DID. OR US-5506965-\$ DID. OR US-5928348-\$ DID. OR US-6145018-\$ DID. OR US-6161191-\$ DID. OR US-6163843-\$ DID. OR US-6269102-\$ DID. OR US-20020010861-\$ DID. OR US-20020013900-\$ DID. OR US-20030126243-\$ DID. OR US-20030142349-\$ DID. OR US-20050078617-\$ DID. OR US-20050131577-\$ DID. OR US-20050171715-\$ DID. OR US-20050171913-\$ DID. OR US-20050179944-\$ DID. OR US-20050283619-\$ DID. OR US-20060259583-\$ DID. OR US-5461627-\$ DID. OR US-4787083-\$ DID. OR US-5432915-\$ DID. OR US-5931905-\$ DID. OR US-6111890-\$ DID. OR US-4002844-\$ DID. OR US-4604742-\$ DID. OR US-4816658-\$ DID. OR US-4949336-\$ DID. OR US-5253343-\$ DID. OR US-5303232-\$ DID. OR US-5287456-\$ DID. OR US-5398233-\$ DID. OR US-5442755-\$ DID. OR US-5463733-\$ DID. OR US-5471625-\$ DID. OR US-5481597-\$ DID. OR US-5488611-\$ DID. OR US-5490253-\$ DID. OR US-5499243-\$ DID. OR US-5550973-\$ DID. OR US-5553073-\$ DID. OR US-5592627-\$ DID. OR US-5668799-\$ DID. OR US-569120-\$ DID. OR US-5699177-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:01

## EAST Search History

S2	4392	(half adj duplex) with communica\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:03
S3	5	S2 and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:03
S4	0	((half adj duplex) with communica\$5) near (carrier adj (detect\$4 or compara\$6))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 17:24

## EAST Search History

S5	49	US-5724507-\$ DID. OR US-5767847-\$ DID. OR US-5799251-\$ DID. OR US-5808625-\$ DID. OR US-5835779-\$ DID. OR US-5842015-\$ DID. OR US-5887136-\$ DID. OR US-5895495-\$ DID. OR US-589987-\$ DID. OR US-5929864-\$ DID. OR US-595308-\$ DID. OR US-5956710-\$ DID. OR US-6032189-\$ DID. OR US-6044373-\$ DID. OR US-6058381-\$ DID. OR US-6078583-\$ DID. OR US-6088578-\$ DID. OR US-6167028-\$ DID. OR US-6170006-\$ DID. OR US-6172963-\$ DID. OR US-6260040-\$ DID. OR US-6304916-\$ DID. OR US-6317585-\$ DID. OR US-6327624-\$ DID. OR US-6339807-\$ DID. OR US-6421729-\$ DID. OR US-6557043-\$ DID. OR US-6683860-\$ DID. OR US-6807635-\$ DID. OR US-6895284-\$ DID. OR US-6944271-\$ DID. OR US-6958985-\$ DID. OR US-6970872-\$ DID. OR US-7140045-\$ DID. OR US-2001029467-\$ DID. OR US-2001029574-\$ DID. OR US-20020077964-\$ DID. OR US-20020083011-\$ DID. OR US-20020122540-\$ DID. OR US-20020131069-\$ DID. OR US-20020196769-\$ DID. OR US-20030035371-\$ DID. OR US-20030037110-\$ DID. OR US-2003061136-\$ DID. OR US-20030118030-\$ DID. OR US-2003165118-\$ DID. OR US-2004003291-\$ DID. OR US-20040030930-\$ DID. OR US-20040034799-\$ DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:15
S7	9114	(carrier adj (detect\$4 or compara\$6))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB; US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 17:18
S8	3	S7 and S1		NEAR	ON	2007/03/14 17:17

## EAST Search History

S10	134	(carrier adj (detect\$4 or compara\$6)) with (signal adj line\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 17:19
S11	134	S4 or S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 17:19
S12	35	S11 and "370"/\$ccis.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 17:20
S13	9	S12 and "375"/\$ccis.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 17:20
S15	1	(simplex adj communica\$5) same (carrier adj (detect\$4 or compara\$6))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/14 17:25

## EAST Search History

S16	19	((half adj duplex) or simplex) with communica\$5) same (carrier adj (detect\$4 or compara\$6))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/15 12:58
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